# Author Index to Volume XII


**Agrawal, D.**
—; Vasudevan, P. T.: PLASSEX: An Expert System for Plastics Selection, 419

**Bigio, D. I.**
—; Ramanthan, M. R.; Herman, P.: Pressure-Related Driving Forces in the Fully Filled Nonintermeshing Twin Screw Extruder, 353
**Bulakh, N. N.** See Nadkarni, V. M., 73

**Chandran, P.**
—; Jabarin, S.: Biaxial Orientation of Poly(ethylene Terephthalate).
Part I: Nature of the Stress–Strain Curves, 119
Part II: The Strain-Hardening Parameter, 133
Part III: Comparative Structure and Property Changes Resulting from Simultaneous and Sequential Orientation, 153
**Chang, D. C.** See Huang, J.-C., 81
**Chen, S. J.** See Tseng, A. A. 361
**Chiang, H. H.** See Himasekhar, K., 233

**Deanin, R. D.** See Huang, J.-C., 81
**De Meuse, M. T.**
—; Ryan, C. L.: The Microwave Processing of Polymeric Materials, 197
**DiRaddo, R. W.**
—; Garcia-Rejon, A.: Modeling of Membrane Inflation in Blow Molding: Neural Network Prediction of Initial Dimensions from Final Part Specifications, 3

**Frings, W.** See Michaeli, W., 25

**Gao, D.-M.** See Trochu, F., 329
**Garcia-Rejon, A.** See DiRaddo, R. W., 3
**Gauvin, R.** See Trochu, F., 329
**Genel, L. S.** See Vakula, V. L., 91
**Gonsalves, K. E.** See Patel, S. H., 35
**Grefenstein, A.** See Michaeli, W., 25

**Hannachi, A.**
—; Mitsoulis, E.: Sheet Coextrusion of Polymer Solutions and Melts: Comparison between Simulation and Experiments, 217
**Haramoto, N.** See Kameoka, S., 403
**Herman, P.** See Bigio, D. I., 353
**Himasekhar, K.**
—; Turng, L. S.; Wang, V. W.; Chiang, H. H.; Wang, K. K.: Current Trends in CAE: Simulations of Latest Innovations in Injection Molding, 233
**Huang, H.-X.**
—; Peng, Y.-C.: Theoretical Modeling of Dispersive Melting Mechanism of Polymers in an Extruder, 343
**Huang, J.-C.**
—; Chang, D. C.; Deanin, R. D.: Analysis of PVC Blends by Three-Dimensional Solubility Parameters, 81

**Jabarin, S.** See Chandran, P., 119, 133, 153
**Jog, J. P.**
—: Solid State Processing of Polymers: A Review, 281
**Jog, J. P.** See Nadkarni, V. M., 73

**Kameoka, S.**
—; Haramoto, N.; Sakai, T.: Development of an Expert System for Injection Molding Operations, 403
**Kelleher, P. G.**
—: Advances in Injection Molding of Fiber-Reinforced Thermoplastics During 1991—Part II: Processing, Design, and Manufacture, 297
**Kim, B. K.**
—; Kim, K. J.: Cross-Linking of Polypropylene by Peroxide and Multifunctional Monomer During Reactive Extrusion, 263
**Kim, K. J.** See Kim, B. K., 263
**Kiriakidis, D. G.**
—; Mitsoulis, E.: Viscoelastic Simulations of Extrudate Swell for an HDPE Melt through Slit and Capillary Dies, 107
**Kokta, B. V.** See Sain, M. M., 167

**La Mantia, F. P.**
—: Blends of Polypropylene and Nylon 6: Influence of the Compatibilizer, Molecular Weight, and Processing Conditions, 47
**Liang, E. W.**
—; Wang, H. P.; Perry, E. M.: An Integrated Approach for Modeling the Injection, Compression, and Resin Transfer Molding Processes for Polymers, 243

**Michaeli, W.**
—; Grefenstein, A.; Frings, W.: Synthesis of Polystyrene and Styrene Copolymers by Reactive Extrusion, 25
**Mitsoulis, E.** See Hannachi, A., 217
**Mitsoulis, E.** See Kiriakidis, D. G., 107

**Nadkarni, V. M.**
—; Bulakh, N. N.; Job, J. P.: Assessing Polymer Crystallizability from Nonisothermal Crystallization Behavior, 73

**Patel, S. H.**
—; Gonsalves, K. E.; Stivala, S. S.; Reich, L.; Trivedi, D. H.: Alternative Procedures for the Recycling of Sheet Molding Compounds, 35
**Peng, Y.-C.** See Huang, H.-X., 343
**Perry, E. M.** See Liang, E. W., 243
**Philippidis, T. P.**
—; Theocaris, P. S.: Failure Prediction of Fiber Reinforced Laminates under Hygrothermal and Mechanical In-Plane Loads, 271

**Ramanthan, M. R.** See Bigio, D. I., 353
**Reich, L.** See Patel, S. H., 35
**Ryan, C. L.** See De Meuse, M. T., 197

**Sain, M. M.**
—; Kokta, B. V.: Effect of Solid-State Modified Polypropylene on the Physical Performance of Sawdust-Filled Polypropylene Composites, 167
**Sakai, T.**
—: Encapsulation Process for Electronic Devices Using Injection Molding Method, 61
**Sakai, T.** See Kameoka, S., 403
**Shang, S. W.**
—: The Precise Determination of Polydispersity Index (PI) in Rheological Testing of Polypropylene, 389
**Shih, W. H.** See Tseng, A. A., 361
**Stivala, S. S.** See Patel, S. H., 35
**Sussman, M. V.**
—: Incremental Drawing for Controlling Synthetic Fiber Structure, Properties, and Productivity, 291

**Tesoro, G.**
—; Wu, Y.: Chemical Products from Cured Unsaturated Polyesters, 185
**Theocaris, P. S.** See Philippidis, T. P., 271
**Thomas, C. L.** See Tseng, A. A., 361
**Trivedi, D. H.** See Patel, S. H., 35
**Trochu, F.**
—; Gauvin, R.; Gao, D.-M.: Numerical Analysis of the Resin Transfer Molding Process by the Finite Element Method, 329
**Tseng, A. A.**
—; Shih, W. H.; Thomas, C. L.; Chen, S. J.: Intelligent Processing of Polymer Sheets for Calendering, 361
**Turng, L. S.** See Himasekhar, K., 233



Advances in Polymer Technology, Vol. 12, No. 4, 449–450 (1993)


© 1993 by John Wiley & Sons, Inc.


CCC 0730-6679/93/040449-02

## *AUTHOR INDEX TO VOLUME XI*

**Vakula, V. L.**
—; Genel, L. S.: Mechanochemical Bonding of Hard-to-Bond Materials, 91
**Vasudevan, P. T.** See Agrawal, D., 419

**Wang, H. P.** See Liang, E. W., 243
**Wang, K. K.** See Himasekhar, K., 233
**Wang, V. W.** See Himasekhar, K., 233
**Welsh, W. J.**
—: Computer Simulations on Polysilanes: A New Method for Modeling the Energetics and Dynamics of Their Thermochromic Transitions, 379
**Wu, Y.** See Tesoro, G., 185

**Xanthos, M.**
—: Editor's Note, 1